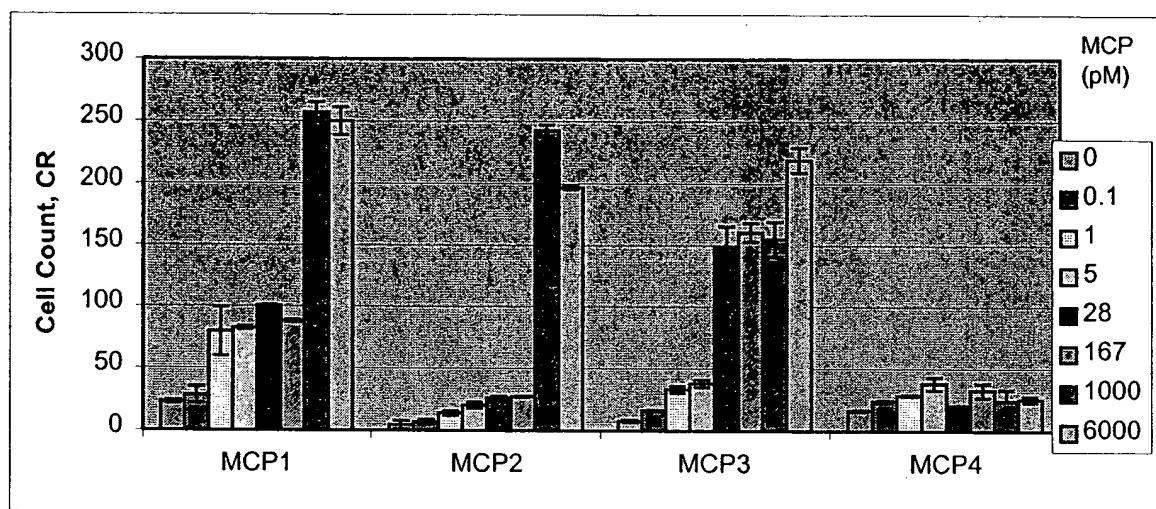


ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT  
PROTEIN-1 (MCP-1) AND USES THEREOF

Gudas et al.

Appl. No.: Not Assigned Atty Docket: ABGENIX.091A

Figure 1



ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT

PROTEIN-1 (MCP-1) AND USES THEREOF

Gudas et al.

Appl. No.: Not Assigned Atty Docket: ABGENIX.091A

Figure 2

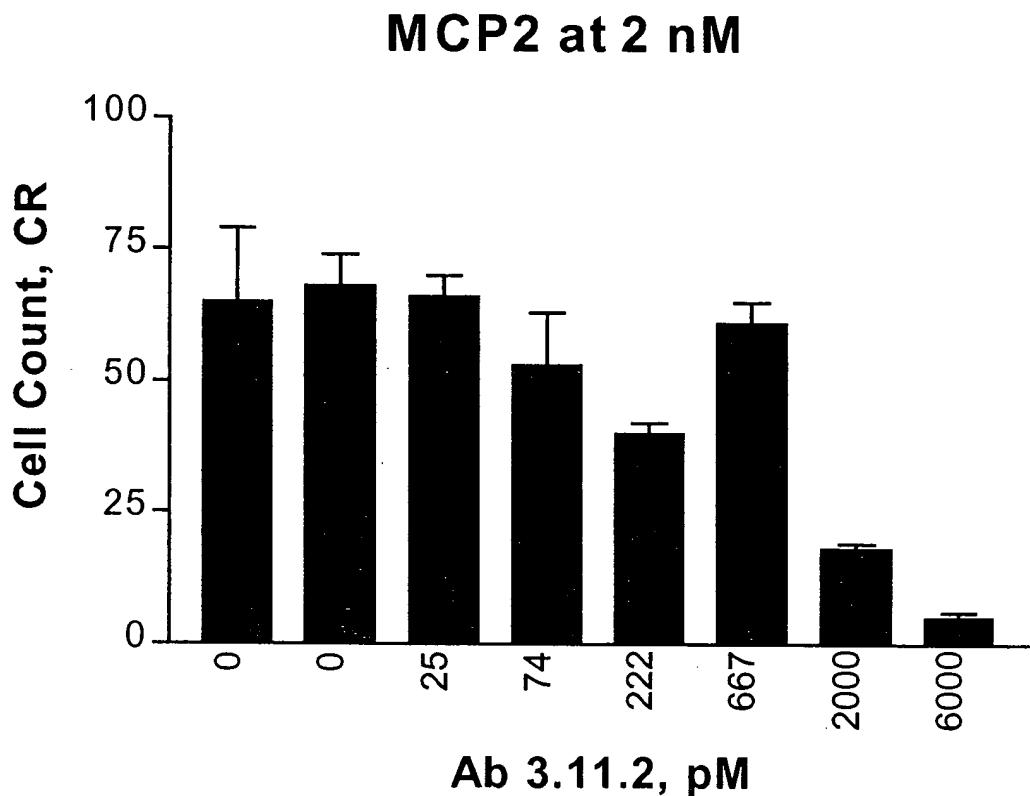


Figure 3

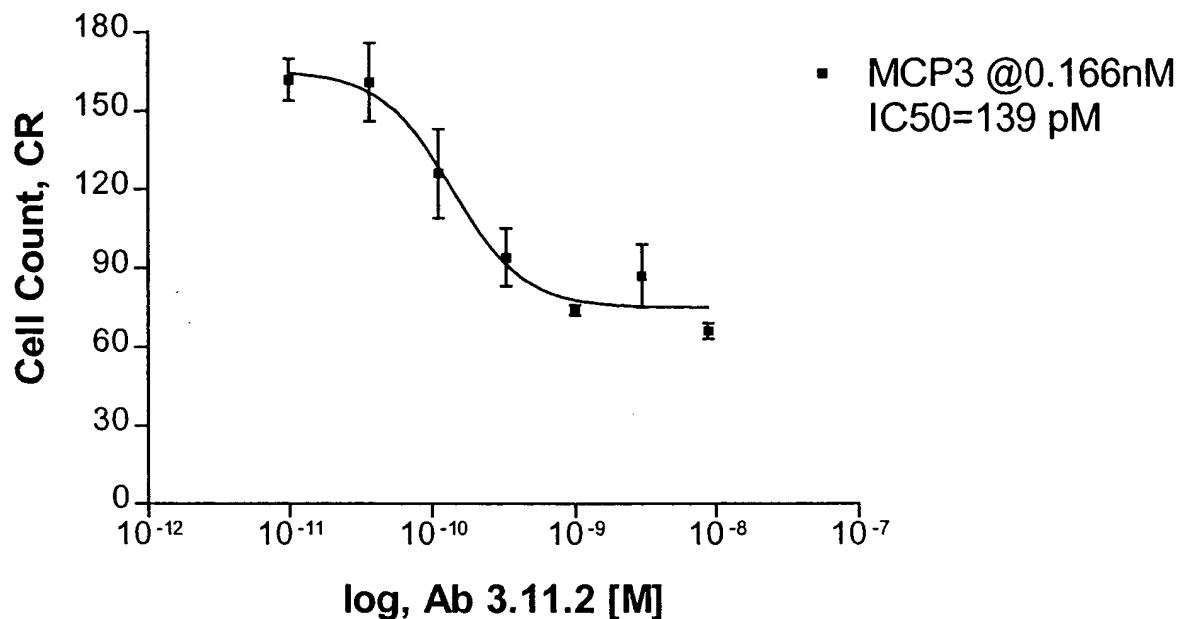
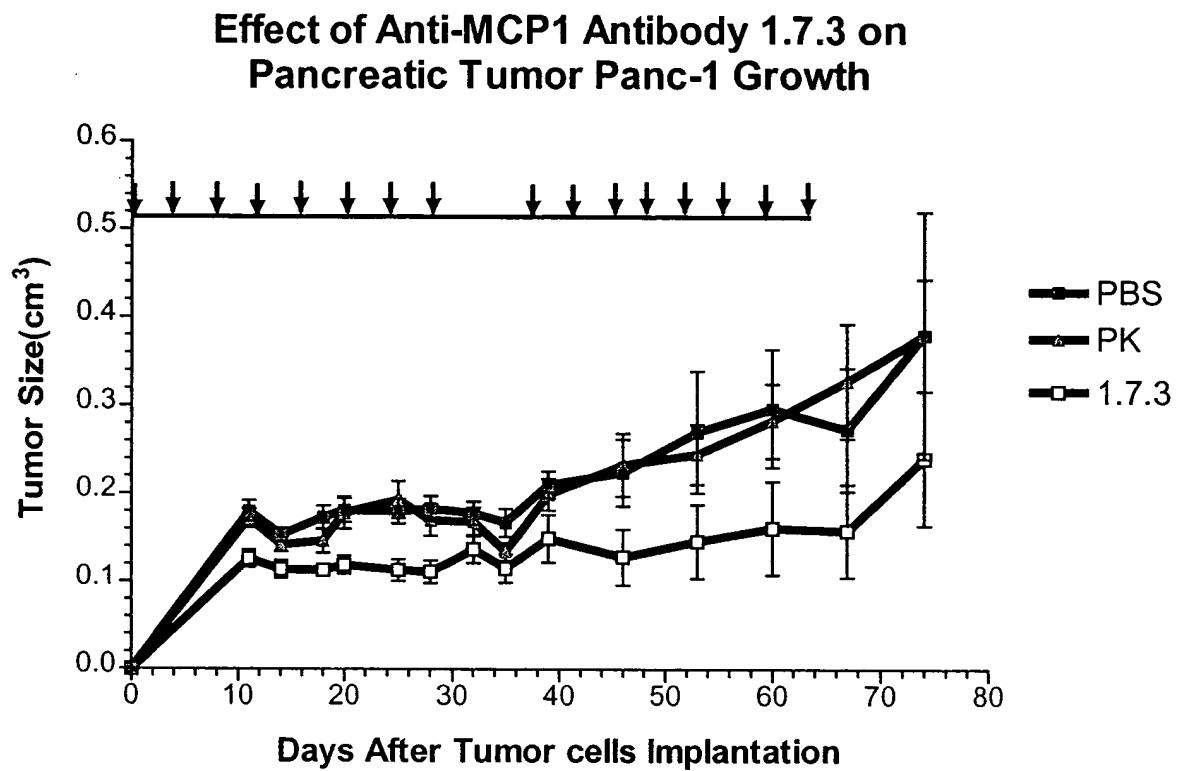


Figure 4



ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT

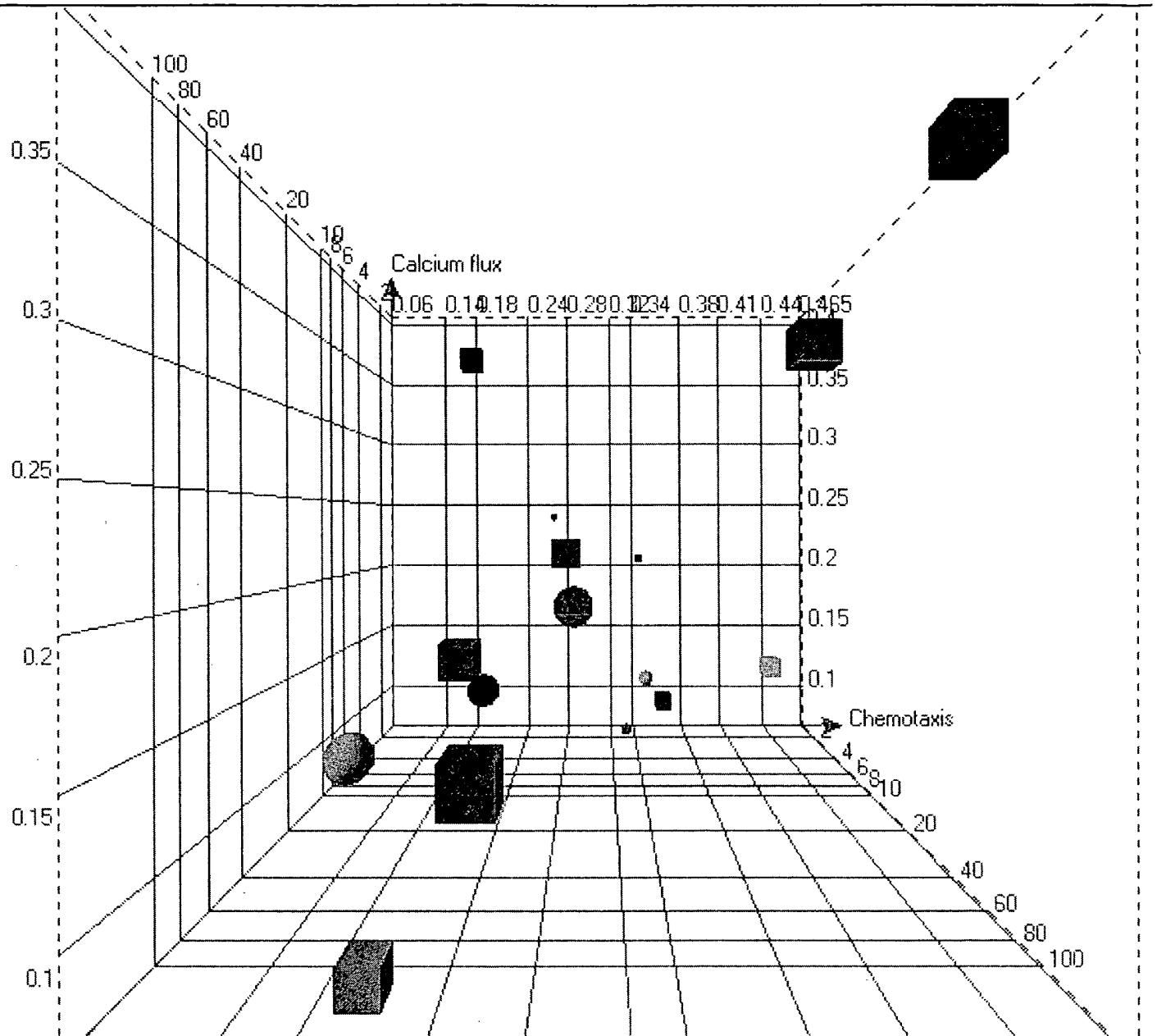
PROTEIN-1 (MCP-1) AND USES THEREOF

Gudas et al.

Appl. No.: Not Assigned Atty Docket: ABGENIX.091A

Figure 5

**MCP1 mAbs**



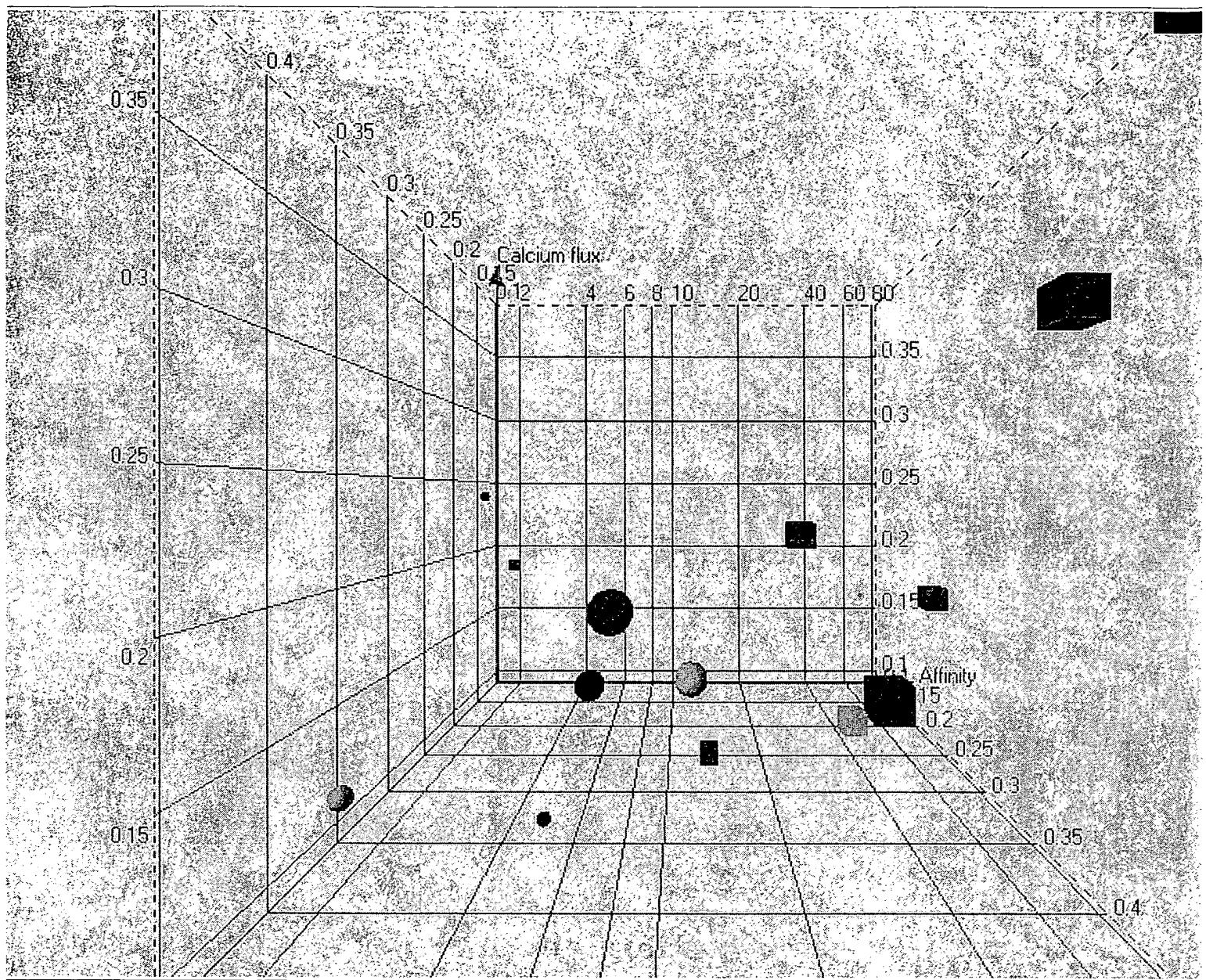
ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT  
PROTEIN-1 (MCP-1) AND USES THEREOF

Gudas et al.

Appl. No.: Not Assigned Atty Docket: ABGENIX.091A

Figure 6

Scatter Plot



*ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT*

*PROTEIN-1 (MCP-1) AND USES THEREOF*

*Gudas et al.*

*Appl. No.: Not Assigned Atty Docket: ABGENIX.091A*

**Figure 7A**

**Alignment of sequences using VH1-24**

	CDR1	CDR2
<b>VH1-24</b>		
<b>MCP1-1.1.1_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-1.10_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGNGLEWMGGFDPEDGETIY	
<b>MCP1-1.11_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-1.12_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-1.13_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-1.18_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-1.2_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTFTELSMHWRQAPGKGLEWMGGFDPEDGETSY	
<b>MCP1-1.3_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRVRRIPGKGLEWMGGFDPEDGETIY	
<b>MCP1-1.5.1_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDDETIY	
<b>MCP1-1.6_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-1.7_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-1.8_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGHIFTELSIHWVRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-1.9_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIN	
<b>MCP1-2.3_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDDETIY	
<b>MCP1-3.10_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-3.15_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGDTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-3.16_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTDLSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-3.2_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLSELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-3.4_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-3.5_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLSELSMHWRQAPGKGLEWMGGFDPEDDETIY	
<b>MCP1-3.6_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-3.7_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQTPGKGLEWMGGFDPEDGETIY	
<b>MCP1-3.8_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-4.5_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-4.6.3_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-4.7_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-5.3_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLSELSMHWRQAPGKGLEWMGGFDPEDGETIY	
<b>MCP1-4.8.1_HC</b>	QVQLVQSGAEVKPGASVKVSKVSGYTLTELSMHWRQAPGKGLEWMGGFDPEDGETIY	

ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT  
PROTEIN-1 (MCP-1) AND USES THEREOF  
Gudas et al.

Appl. No.: Not Assigned Atty Docket: ABGENIX.091A

Figure 7A (cont.)

	CDR2	CDR3
<b>VH1-24</b>		
<b>MCP1-1.1.1_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCAT-----	
<b>MCP1-1.10_HC</b>	AQKFQGRVVTMTEDPSTDAYMELSSLRSEDTAVYYCATNEFWSGYF-----DYWGQGTLV	
<b>MCP1-1.11_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATNEFWSGYF-----DYWGQGTLV	
<b>MCP1-1.12_HC</b>	AQKFQGRVVTMTEDTSTDVYMEMLSSLRSEDTAVYYCATNDFWSGYF-----DYWGQGTLV	
<b>MCP1-1.13_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATNDFWSGYF-----NYWGQGTLV	
<b>MCP1-1.18_HC</b>	AQKFQDRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATNDFWSGYF-----DCWGQGTLV	
<b>MCP1-1.2_HC</b>	AQKFQGRVVTMTEDTSTDVYMEMLSSLRSEDTAMYYCATREFWTGYF-----DHWGQGTLV	
<b>MCP1-1.3_HC</b>	AQKFGRVVTMTEDTSTDTAHMEMLSSLRSEDTAVYYCATNDFWSGYF-----DYWGQGTLV	
<b>MCP1-1.5.1_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATNDFWSGYF-----GHWGQGTLV	
<b>MCP1-1.6_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYFCATNDFWSGYF-----DCWDQGTLV	
<b>MCP1-1.7_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATWYSGIYLA-----DIWGQGTMV	
<b>MCP1-1.8_HC</b>	AQKFQGRVSMTEDTSTDAYMELSSLRSEDTAVYFCATNEFWSGYF-----DYWGQGTLV	
<b>MCP1-1.9_HC</b>	AQKFQGRVVTMTEDTSTDVYMEMLSSLRSEDTAVYYCATNDFWSGYF-----DYWGQGTLV	
<b>MCP1-2.3_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATDGYMEMLSSLRSEDTAVYYCAT-----DHWGQGTLV	
<b>MCP1-3.10_HC</b>	AQKFQGRVMMTEDTSTDAYMELSSLRSEDTAVYYCATDDMLTPHYLYFGMDVWQGQGTTV	
<b>MCP1-3.15_HC</b>	ARKFQGRVVTMTEDTSTDVYMEMLSSLRSEDTAVYFCATDSRGYSGYF-----DNWGQGTLV	
<b>MCP1-3.16_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATHEFWSGYF-----DYWGQGTLV	
<b>MCP1-3.2_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATGDFWSGYLY-----DWWGQGTLV	
<b>MCP1-3.4_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATDDFWSGYF-----DYWGQGTLV	
<b>MCP1-3.5_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATHDWFSGYF-----HYWGQGTLV	
<b>MCP1-3.6_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCAIHEFWSGYF-----DYWGQGTLV	
<b>MCP1-3.7_HC</b>	AQKFQDRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATNDFWTGYY-----DYWGQGTLV	
<b>MCP1-3.8_HC</b>	AQKFQGRVIMTEDTSTDAYMELSSLRSEDTAVYYCATDQGGYSGYF-----DCWGQGTLV	
<b>MCP1-4.5_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATDDFWSGYF-----DYWGQGTLV	
<b>MCP1-4.6.3_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATDDFWSGYF-----DYWGQGTLV	
<b>MCP1-4.7_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCATDDFWSGYF-----DYWGQGTLV	
<b>MCP1-5.3_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVFYCATREYSGYF-----DYWGQGTLV	
<b>MCP1-4.8.1_HC</b>	AQKFQGRVVTMTEDTSTDAYMELSSLRSEDTAVYYCTTDDFWSGYF-----DYWGQGTLV	

*ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT  
PROTEIN-1 (MCP-1) AND USES THEREOF*  
*Gudas et al.*  
*Appl. No.: Not Assigned Atty Docket: ABGENIX.091A*

**Figure 7A (cont.)**

VH1-24	---
MCP1-1.1.1_HC	VSS
MCP1-1.10_HC	VSS
MCP1-1.11_HC	VSS
MCP1-1.12_HC	VSS
MCP1-1.13_HC	VSS
MCP1-1.18_HC	VSS
MCP1-1.2_HC	VSS
MCP1-1.3_HC	VSS
MCP1-1.5.1_HC	VSS
MCP1-1.6_HC	VSS
MCP1-1.7_HC	VSS
MCP1-1.8_HC	VSS
MCP1-1.9_HC	VSS
MCP1-2.3_HC	VSS
MCP1-3.10_HC	VSS
MCP1-3.15_HC	VSS
MCP1-3.16_HC	VSS
MCP1-3.2_HC	VSS
MCP1-3.4_HC	VSS
MCP1-3.5_HC	VSS
MCP1-3.6_HC	VSS
MCP1-3.7_HC	VSS
MCP1-3.8_HC	VSS
MCP1-4.5_HC	VSS
MCP1-4.6.3_HC	VSS
MCP1-4.7_HC	VSS
MCP1-5.3_HC	VSS
MCP1-4.8.1_HC	VSS

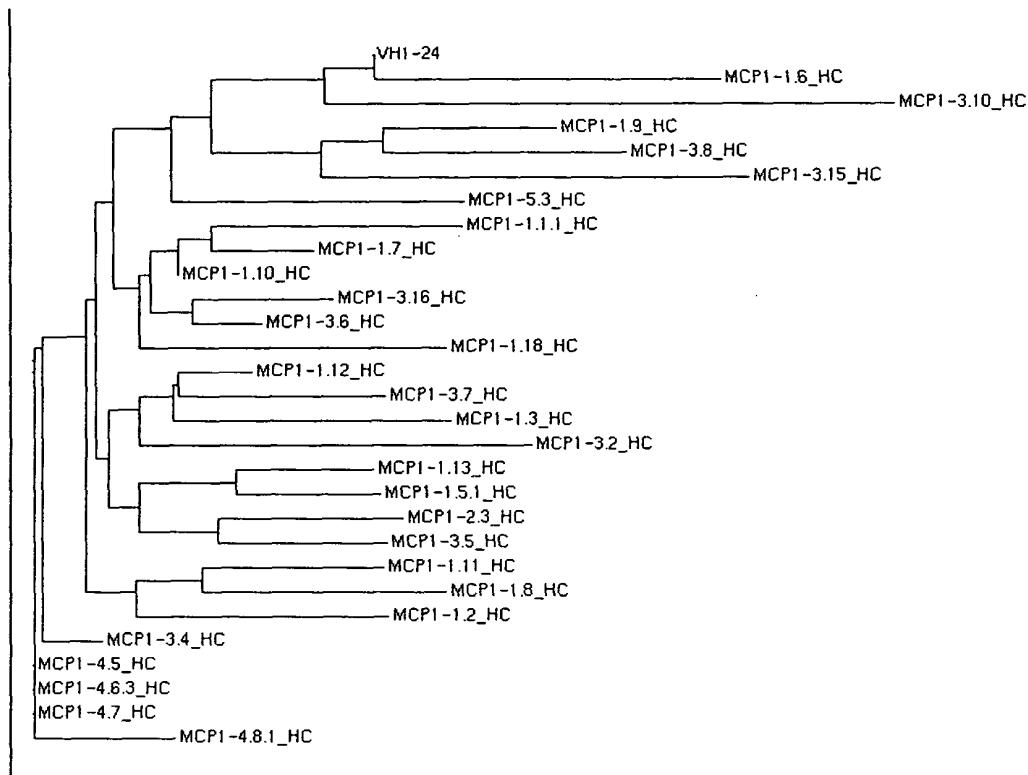
ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT  
PROTEIN-1 (MCP-1) AND USES THEREOF

Gudas et al.

Appl. No.: Not Assigned Atty Docket: ABGENIX.091A

Figure 7B

Dendrogram:



**Figure 8A**

**Alignment of sequences using VK-B3**

	CDR1	CDR2
<b>VK-B3</b>		
<b>MCP1-1.1.1_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLAWYQQKPGQPPKLLIYWASTR	
<b>MCP1-1.10_LC</b>	DIVMTQSPDSLAMSLGERATINCKSSQSVLYSSNNKNYLWVYQQKPGQPPKLLIYWASIR	
<b>MCP1-1.11_LC</b>	DIVMTQSPASLAEGLGERATINCKSSQSVLYSSNNKNYLWVYQQKLGQPPKLLIYWASIR	
<b>MCP1-1.12_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYQQKPGQPPKLLIYWASIR	
<b>MCP1-1.13_LC</b>	DIVMTQSPDSLAVCLGERATINCKSSQSVLYSPNNKNFLWVYQQRPGQPPKLLIYWASTR	
<b>MCP1-1.14.1.1_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYIVWYQQKPGQPPKLLIYWWTSTR	
<b>MCP1-1.18_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYQQKPGQPPKLLIYWASIR	
<b>MCP1-1.3_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLAWYXQKPGQPPKLLIYWWTYIR	
<b>MCP1-1.5.1_LC</b>	DIVMTQSPDSLAAVLGERATINCKSSQSVLYRSNNKNYLWVYQQKPGQPPKLLIYWASIR	
<b>MCP1-1.7_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYQQRPGQPPKLLIYWASTR	
<b>MCP1-1.8_LC</b>	DIVMTQSPGSLAVSLGERATINCKSSQSILFRSNNKNYLWVYQQKPGQPPKLLIYWASIR	
<b>MCP1-1.9_LC</b>	DIVMTQSPDFLAVSLGERATINCKSSQSVFYSSNNKNYLWVYQQKPGQPPKLLIYWASTR	
<b>MCP1-2.3_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYGSNNNSYLAWYQQKPGQPPKLLIYWASTR	
<b>MCP1-3.14.1.1_LC</b>	DIVMTQSPDSLAVSLGERAAINCKSSQSVLYSSNNKNYLWVYQQKPGQPPKLLIYWASTR	
<b>MCP1-3.15_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNNNLYLWVYQQKPGQPPKLLIYWASTR	
<b>MCP1-3.16_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLFSSNNNSYLTWYQQKPGQPPKLLIWFASIR	
<b>MCP1-3.4_LC</b>	DIVMTQSPDSLAVSLDERATINCKSSQSVLYSPNQKNYLWVYQQKPGQPPKLLIYWASIR	
<b>MCP1-3.5_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSDNNSYLVWYQQKPGQPPKVLIIYWASIR	
<b>MCP1-3.6_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYLQKPGQPPKLLIYWASTR	
<b>MCP1-3.7_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYQQKPGQPPKTLIYWASTR	
<b>MCP1-3.8_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSILYSSNNKNYLWVYQQKPGQPPKLLIYWASTR	
<b>MCP1-4.5_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYRSNNNSYLVWYQQKLGQSPKLLIYWASTR	
<b>MCP1-4.6.3_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYQQKPGQPPKLLIYWASTR	
<b>MCP1-4.7_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLAWYQQKPGQPPKLLIYWWTSTR	
<b>MCP1-4.8.1_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSLLYSSNSKNKNYLWVYQQKPGQPPKLLINWASTR	
<b>MCP1-5.3_LC</b>	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNSKNKNYLAWFQQKPGQPPKLLIYWASTR	

ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT

## PROTEIN-1 (MCP-1) AND USES THEREOF

Gudas et al.

Appl. No.: Not Assigned Atty Docket: ABGENIX.091A

Figure 8A (cont.)

## CDR2

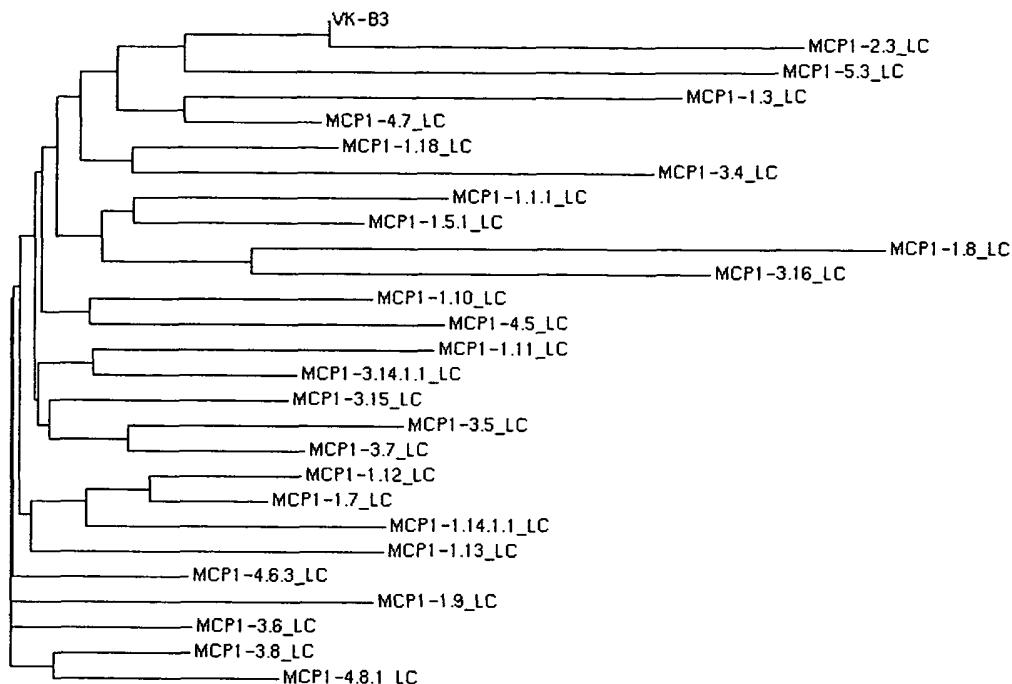
### CDR3

VK-B3	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYYSTP-----
MCP1-1.1.1_LC	ESGPVDRFSSSGSETDFTLTISSLQAEDVAVYYCQQYFPWTFGQGTVKEIK
MCP1-1.10_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYRSPWTFGQGTVKEIK
MCP1-1.11_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYSSPWTFGQGTVKEIK
MCP1-1.12_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYFYSWTFGQGTVKEIK
MCP1-1.13_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYSSPWTFGQGTVKEIK
MCP1-1.14.1.1_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYFSSPWTFGQGTVKDIK
MCP1-1.18_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYYSTPLTFGGTVKEIK
MCP1-1.3_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQEHYSPWTFGQGTVKEIK
MCP1-1.5.1_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYFCQQYSSPWTFGQGTVKEIK
MCP1-1.7_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYFYSWTFGQGTVKEIK
MCP1-1.8_LC	ESGPVDRFSGSGSGNSFTLTISSLQAEDVAIYYCQQYSSPWTFGQGTVKEIK
MCP1-1.9_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYSSPWTFGQGTVKEIK
MCP1-2.3_LC	ESGPVDRFSGSGSGTDFTLTISSLQAADVAVYYCQQHYSTPCSFQGTVKLEIK
MCP1-3.14.1.1_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYKSPWTFGQGTVKEIK
MCP1-3.15_LC	EFGVPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYFSPWTFGQGTVKEIK
MCP1-3.16_LC	ESGPVDRISGSGSGTDLTLTISSLQAEDAAVYYCQQYSSPWTFGQGTVKEIK
MCP1-3.4_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQSYFPWTFGQGTVKEIK
MCP1-3.5_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYSTSPTFGQGTVKEIK
MCP1-3.6_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYSSPWTFGQGTVKEIK
MCP1-3.7_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVGVYYCQQYYSPTFGQGTVKEIK
MCP1-3.8_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYSSPWTFGQGTVKEIK
MCP1-4.4.5_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYYSTPWTFGQGTVKEIK
MCP1-4.6.3_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYYSPTWTFGQGTVKEIK
MCP1-4.7_LC	ESGPVDRFSGSGSGSFTDFTLTISSLQAEDVAVYYCQQYSSPWTFGQGTVKEIK
MCP1-4.8.1_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYSSPWTFGQGTVKEIK
MCP1-5.3_LC	ESGPVDRFSGSGSGTDFTLTISSLQAEDVAVYSCQQYFIPWTFGQGTVKELK

ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT  
PROTEIN-1 (MCP-1) AND USES THEREOF  
Gudas et al.  
Appl. No.: Not Assigned Atty Docket: ABGENIX.091A

Figure 8B

Dendrogram:



**ANTIBODIES DIRECTED TO MONOCYTE CHEMO-ATTRACTANT  
PROTEIN-1 (MCP-1) AND USES THEREOF**  
Gudas et al.  
Appl. No.: Not Assigned Atty Docket: ABGENIX.091A

Figure 9A

## Alignment of sequences using VK-O8

		<b>CDR1</b>	<b>CDR2</b>
<b>VK-08</b>	DIQMTQSPSSLSASVGDRVТИCQASQDINSYLNWYQQKPGKAPKLLIYDASNLETGVPS		
<b>MCP1-2.4_LC</b>	DIQMTQSPSSLSASVGDRVТИCQASQDITTYLNWYQQKPGKAPKLLIYDASNLETGVPS		
<b>MCP1-3.11_LC</b>	DIQMTQSPSSLSASVGDRVТИCQASQDINSYLNWYQQKPGKAPKLLIYDASNLETGVPS		
	*****:*****		
		<b>CDR3</b>	
<b>VK-08</b>	RFSGSGSGTDFFTISSLQPEDIA <sup>TY</sup> YCQQYDNLP-----		
<b>MCP1-2.4_LC</b>	RFSGSGSGTDFFTISSLQPEDIA <sup>TY</sup> YCQQYDNLPITFGQGTRLEIK		
<b>MCP1-3.11_LC</b>	RFSGSGSGTDFFTISSLQPEDIA <sup>TY</sup> YCQEYNNL <sup>PYSFGQGT</sup> KLEIK		
	*****		

Figure 9B

### Dendrogram:

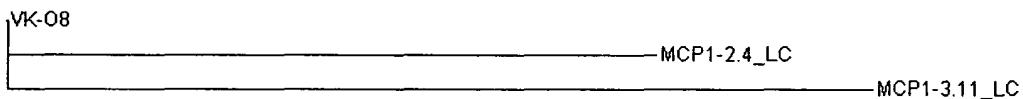


Figure 10A

Alignment of sequences using VH6-1

	CDR1	CDR2	CDR3
<b>VH6-1</b>	QVQLQQSGPGLVKPSQTLSLTC	AI SGDSVSSNSAAWNWI	QSPSRGLEWLGR
<b>MCP1-1.4.1.1_HC</b>	QVQAEQSGPGLVKPSQTLSLTC	AI SGDSVSSNSAAWNWI	QSPSRGLEWLGR
<b>MCP1-1.14.1.1_HC</b>	QVQAEQSGPGLVKPSQTLSLTC	AI SGDSVSSNSAAWNWI	QSPSRGLEWLGR
<b>MCP1-3.14.1.1_HC</b>	QVQAEQSGPGLVKPSQTLSLTC	AI SGDSVSSNSAAWNWI	QSPSRGLEWLGR
	CDR2	CDR3	
<b>VH6-1</b>	NDYAVSVKSRITINPDTSKNQFSLQLNSVT	PEDTAVYYCAR	-----
<b>MCP1-1.4.1.1_HC</b>	SDHAVSVRSRITIYPDTSKNQFSLQLNSVT	PEDTAVYYCAR	DRISGTYVGMDVWGQGTTV
<b>MCP1-1.14.1.1_HC</b>	SDHAVSVRSRITIYPDTSKNQFSLQLNSVT	PEDTAVYYCAR	DRISGTYVGMDVWGQGTTV
<b>MCP1-3.14.1.1_HC</b>	SDHAVSVRSRITIYPDTSKNQFSLQLNSVT	PEDTAVYYCAR	DRISGTYVGMDVWGQGTTV
<b>VH6-1</b>	---		
<b>MCP1-1.4.1.1_HC</b>	VSS		
<b>MCP1-1.14.1.1_HC</b>	VSS		
<b>MCP1-3.14.1.1_HC</b>	VSS		

Figure 10B

Dendrogram:

